

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1-13 (Canceled)

14. (New) An elevator hoisting machine having a thin shape, comprising:

a sheave;

a fixed main shaft that supports rotation of the sheave through a bearing;

a rotation support frame comprising a rotor mounting portion to which a rotor is mounted, the rotation support frame being formed integrally with the sheave or being fixed to the sheave;

a fixed frame body comprising a hollow extended portion and a cylindrical portion, the extended portion having a disc-like shape and being extended in a circumferential direction of a rotation centerline of the sheave, the cylindrical portion being bent approximately in a vertical direction from the extended portion and being extended toward the fixed main shaft;

a stator of a motor formed larger than the sheave; and

a stator mounting portion to which the stator is mounted, the stator mounting portion being provided to the fixed frame body;

wherein the cylindrical portion overlaps the rotation support frame in the circumferential direction of the rotation centerline of the sheave.

15. (New) An elevator hoisting machine of a thin type having a sheave whose thickness in a rotation centerline direction is thinner than an outside dimension in a radial

direction, the elevator hoisting machine comprising a stator mounting portion that supports a stator core of a motor provided in a surface of a side opposite to the sheave in the sheave rotation centerline direction of the hoisting machine, and a fixed main shaft that supports rotation of a rotor through a bearing, wherein a fixed frame member provided with a hat shape cross sectional shape is provided in the vicinity of a brake device mounting portion.

16. (New) The elevator hoisting machine according to claim 14, wherein the fixed main shaft is jointed to the fixed frame member, making a fixed member.

17. (New) The elevator hoisting machine according to claim 15, further comprising a radial gap type motor comprising a cylindrical rotor mounting portion and a stator mounting portion disposed in a radial direction of rotation, maintaining a gap with the rotor mounting portion, and is characterized in that a brake device in which an inner radial surface of the cylindrical rotor mounting portion forms a braking surface.

18. (New) An elevator hoisting machine according to claim 17, wherein an opening portion is provided to the fixed frame member in a region adjacent to the braking surface of the rotor mounting portion, and a braking shaft of the brake device is pushed against the braking surface, through the opening portion.

19. (New) The elevator hoisting machine according to claim 15, wherein an injection opening for supplying lubricating oil to the bearing and a discharge opening for discharging lubricating oil from the bearing are provided in a surface on a side opposite to the sheave in the sheave rotation centerline direction of the fixed main shaft.

20. (New) The elevator hoisting machine according to claim 19, wherein a guide way for the lubricating oil discharged from the bearing portion is provided to the fixed frame member.

21. (New) The elevator hoisting machine according to claim 15, wherein a blower fan is attached to an inner portion of the fixed frame member.

22. (New) The elevator hoisting machine according to claim 17, wherein the fixed frame member is extended to a side opposite to the sheave of the fixed main shaft, and the extended portion and the brake device, or an attachment plate that securely fastens to the brake device, make a fitted structure and form a closed structure.

23. (New) The elevator hoisting machine according to claim 17, wherein the fixed frame member and the brake device, or an attachment plate that securely fastens to the brake device, are securely fastened at a side opposite to the sheave of the fixed main shaft of the fixed frame member, and the brake device or an attachment plate securely fastens to the brake device, and a second extension portion of the fixed frame member are securely fastened, forming a closed structure.

24. (New) The elevator hoisting machine according to claim 15, wherein the sheave and a rotation member are integrated.

25. (New) The elevator hoisting machine according to claim 15, wherein the sheave and the rotation member are separate members.